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FORM PTO-892 (REV. 2-92)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. <b>08/862 192</b>	GROUPART UNIT <b>2762</b>	ATTACHMENT TO PAPER NUMBER <b>5</b>		
NOTICE OF REFERENCES CITED				APPLICANT(S) <b>Jeffrey S Kolnisk</b>				
U.S. PATENT DOCUMENTS								
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M								
N								
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P								
Q								
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
X	R	T. Masters, "practical Neural Network Recipes in C++", Acad. Press Inc., Boston 1993						
S	S	Metfessel et al, "Pattern Recognition in the prediction of protein structure class," IEEE proceedings of the 26th Hawaii International Conference on system science, Jan 1993						
S	S	Spren Kamaric Riis, "Combining Neural Networks for protein Secondary structure Prediction," IEEE ICNN, Nov-Dec 1995						
EXAMINER		DATE						
George Davis		6/15/98						
* A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05 (a).)								

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FORM PTO-892 (REV. 2-92)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 08/862192	GROUP/ART UNIT 2762	ATTACHMENT TO PAPER NUMBER 5	
NOTICE OF REFERENCES CITED				APPLICANT(S) Jeffrey Sicolnick			

  

U.S. PATENT DOCUMENTS							
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N								
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P								
Q								

  

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
R	Ruggiero et al, "Peptides Secondary structure prediction with Neural Networks: A Criterion for Building Appropriate Learning Sets", IEEE Transactions on Biomedical Engineering, vol. 40, NO. 11, NOV. 1993
S	Willcox et al, "Generalization of Protein Structure from Sequence Using a Large Scale Backpropagation Network", IEEE IJCNN, June 1989

  

EXAMINER George Davis	DATE 6/15/98	
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\* A copy of this reference is not being furnished with this office action.  
(See Manual of Patent Examining Procedure, section 707.05 (a).)

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NOTICE OF REFERENCES CITED				APPLICANT(S) Sokolnick et al		

  

U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS								
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L								
M								
N								
O								
P								
Q								

  

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)	
R	Kneller, "Improvements in Protein Secondary Structure Prediction by An Enhanced Neural Network," J. Mol. Biol., vol-214, 1990
S	Holley et al, "Neural Networks for protein structure prediction," Methods in Enzymology, vol-202, 1991
T	Holley et al, "protein Secondary structure prediction with Neural Network," proc. Natl. Acad. Sci., vol-86, Jan-1989
U	Qian et al, "predicting the Secondary structure of Globular protein Using Neural Network Models," J. Mol. Biol., vol- 202, 1988

EXAMINER George Davis	DATE 6/15/98
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NOTICE OF REFERENCES CITED				APPLICANT(S) <b>Skolnick et al</b>					
U.S. PATENT DOCUMENTS									
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	N								
	O								
	P								
	Q								
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)									
	R	shneider <sup>et al</sup> "prediction of the Secondary structure of proteins from the Amino Acid Sequence with Artificial Neural Networks," Angew. Chem. Int. Ed. Engl. Vol-32, 1993							
	S	Rost et al, "Improved prediction of protein Secondary structure by use of sequence profiles and Neural Networks," Proc. Natl. Acad. Sci., vol. 90, August 1993							
EXAMINER				DATE					
George Davis				6/15/98					
* A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05 (a).)									